



**Clean Michigan Initiative
Clean Water Fund Grant**
2001-0024



Macomb County Health Department

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Macomb County Health Department Illicit Discharge Elimination Project

January 1, 2002 - December 31, 2004

The Macomb County Health Department Illicit Discharge Elimination Project (IDEP) is part of an ongoing effort to reduce the amount of pollution to the Clinton River and Lake St. Clair. The goal of this project was to eliminate sanitary cross connections in the Anchor Bay Watershed, Lake St. Clair Watershed, and North Branch of the Clinton River Watershed. In addition, follow-up investigations occurred in the Bear Creek Watershed based on referrals from the Macomb County Office of Public Works. This project focused on surface waters other than the designated county drain, while a related project, the Illicit Connection Elimination by the Macomb County Office of Public Works, focused on the county drain.

This project surveyed 453 miles of drain, which resulted in the identification of 2,055 outfalls. Each outfall was identified by geographic positioning system. Water quality samples were taken from each of the flowing outfalls; 178 had bacterial counts above water quality standards. Other water quality problems were identified as well. Two teams of IDEP staff conducted a total of 1,517 investigations and identified a total of 298 illicit connections. Violations that were found had either been corrected at project end or were in the process of being corrected.



Grant Amount: \$ 407,267

Match Funds: \$ 137,294

Total Amount: \$ 544,561

Partners involved:

- Macomb County Office of Public Works
- Macomb County Board of County Road Commissioners
- Clinton River Watershed Council
- Local Communities

I&E Activities:

- 24-Water Pollution Hotline established
- Brochures advertising hotline were created and distributed



**Illicit Discharge Elimination Program
Surveyed Drains
January 1, 2002 - December 31, 2004**

